NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN OHIO[a]
JUNE 1982 (Continued)

Industry	Employment (in thousands)			Percent Change From[d]	
	June 1982[b]	May 1982[c]	June 1981[c]	May 1982	June 1981
NONMANUFACTURING	3122.0	3114.9	3128.4	.2	- .2
MINING	33.4	32.9	31.6	1.5	5.8
Bituminous coal and lignite mining	14.3	14.2	13.8	.1	3.5
CONSTRUCTION	149.6	145.6	161.6	2.7	- 7.4
General building contractors	35.0	34.6	38.3	1.2	- 8.7
Heavy construction contractors	25.5	24.3	27.1	5.0	- 6.0
TRANSPORTATION AND PUBLIC UTILITIES	216.2	215.1	220.0	.5	- 1.7
Railroad transportation	24.6	24.6	25.7	- .3	- 4.3
Transportation, except railroads	95.4	94.7	98.0	.8	- 2.6
Trucking and warehousing	71.0	70.6	73.4	.6	- 3.3
Communication, electric, gas services	96.2	95.7	96.4	.5	- .2
Communication	54.7	54.7	55.2	.1	- .9
Electric, gas, and sanitary services	41.5	41.1	41.2	.9	.7
WHOLESALE TRADE	231.0	229.6	232.6	.6	- .7
Wholesale trade-durable goods	148.5	147.8	150.2	.5	- 1.1
Motor vehicles & automotive equipment	20.6	20.5	21.4	.5	- 3.8
Electrical goods	19.4	19.4	19.6	.4	- .7
Machinery, equipment, and supplies	62.3	62.0	62.2	.5	.1
Wholesale trade-nondurable goods	82.5	81.8	82.5	.8	.1
Groceries and related products	24.5	24.1	24.2	1.8	1.2
RETAIL TRADE	711.0	708.5	720.5	.3	- 1.3
General merchandise stores	108.7	109.2	116.6	- .4	- 6.8
Department stores	99.0	99.4	106.3	- .5	- 6.9
Food stores	116.6	116.1	117.0	.4	- .3
Automotive dealers & service stations	71.2	70.7	74.3	.7	- 4.2
Apparel and accessory stores	34.5	34.4	34.5	.2	.0
FINANCE, INSURANCE, AND REAL ESTATE	207.6	205.8	206.4	.9	.6
Banking	59.3	59.0	59.6	.6	- .5
Credit agencies other than banks	30.8	30.6	30.6	.4	.6
Insurance carriers	59.1	58.9	58.7	.3	.6
SERVICES	899.9	890.1	870.0	1.1	3.4
Hotels and other lodging places	34.0	32.8	33.3	3.7	2.1
Laundry, cleaning, & garment services	17.6	17.4	17.9	1.1	- 1.8
Business services	132.3	130.3	127.2	1.5	4.0
Health services	313.7	310.7	296.5	1.0	5.8
Hospitals	173.4	171.6	164.8	1.0	5.2
GOVERNMENT	673.3	687.3	685.6	- 2.0	- 1.8
Federal government	89.0	88.4	90.5	.8	- 1.6
State government	137.6	144.8	139.9	- 5.0	- 1.6
State government, except education	71.5	70.8	72.4	1.0	- 1.2
State government education[i]	66.1	74.0	67.4	- 10.7	- 2.0
Local government	446.6	454.1	455.3	- 1.6	- 1.9
Local government, except education	191.2	186.5	194.4	2.5	- 1.6
Local government education	255.4	267.6	260.9	- 4.5	- 2.1

[a]Estimated in cooperation with U. S. Bureau of Labor Statistics. Based on March 1981 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes miscellaneous manufacturing. [f]Includes tobacco manufactures. [h]Depressed due to labor-management disputes. [i]Includes State Universities, State Schools for Deaf and Blind, and the State Library. Excludes hospitals, the agricultural extension service, agricultural research centers, and departments coordinating and administering educational programs (notably, the Ohio Department of Education).

Division of Research and Statistics
Ohio Bureau of Employment Services
Columbus 43216

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN OHIO[a]
JUNE 1982 (Continued)

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	June 1982[b]	May 1982[c]	June 1981[c]	June 1982[b]	May 1982[c]	June 1981[c]	June 1982[b]	May 1982[c]	June 1981[c]
NONMANUFACTURING	.....	.....	.....	....	....	....	....	....	....
MINING	$438.70	$441.18	$437.36	42.8	43.0	44.0	$10.25	$10.26	$ 9.94
Bituminous coal and lignite mining	522.86	514.58	519.16	42.2	41.7	42.8	12.39	12.34	12.13
CONSTRUCTION	542.42	547.50	514.52	37.0	38.1	38.0	14.66	14.37	13.54
General building contractors	490.93	500.61	466.42	36.5	37.0	36.9	13.45	13.53	12.64
Heavy construction contractors	553.81	588.29	520.61	37.7	40.6	39.5	14.69	14.49	13.18
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	....	....	....
Railroad transportation	.....	.....	.....	....	....	....	....	....	....
Transportation, except railroads	.....	.....	.....	....	....	....	....	....	....
Trucking and warehousing	458.19	464.63	448.47	37.1	37.5	38.2	12.35	12.39	11.74
Communication, electric, gas services	417.91	412.40	386.51	40.3	40.0	40.9	10.37	10.31	9.45
Communication	400.53	396.70	378.39	39.5	39.2	40.6	10.14	10.12	9.32
Electric, gas, and sanitary services	440.67	432.55	398.27	41.3	41.0	41.4	10.67	10.55	9.62
WHOLESALE TRADE	307.28	306.89	296.35	38.7	38.7	39.2	7.94	7.93	7.56
Wholesale trade-durable goods	301.47	298.38	292.25	39.0	38.7	39.6	7.73	7.71	7.38
Motor vehicles & automotive equipment	250.24	249.95	280.76	37.8	37.7	39.6	6.62	6.63	7.09
Electrical goods	254.48	251.78	245.86	37.7	37.3	38.0	6.75	6.75	6.47
Machinery, equipment, and supplies	328.60	327.32	302.20	39.4	39.2	39.4	8.34	8.35	7.67
Wholesale trade-nondurable goods	316.54	323.20	302.21	38.0	38.8	38.4	8.33	8.33	7.87
Groceries and related products	355.93	354.50	342.36	41.1	40.7	41.7	8.66	8.71	8.21
RETAIL TRADE[f]	153.76	152.54	150.88	29.4	29.0	29.7	5.23	5.26	5.08
General merchandise stores	156.52	155.40	151.50	30.1	29.6	30.0	5.20	5.25	5.05
Department stores	158.63	157.47	153.42	30.1	29.6	30.2	5.27	5.32	5.08
Food stores	228.24	222.38	230.71	31.7	30.8	33.1	7.20	7.22	6.97
Automotive dealers & service stations	199.72	200.51	201.40	37.4	37.2	38.0	5.34	5.39	5.30
Apparel and accessory stores	113.58	113.13	111.38	27.5	27.0	27.1	4.13	4.19	4.11
FINANCE, INSURANCE, AND REAL ESTATE	.....	.....	.....	....	....	....	....	....	....
Banking	199.27	198.98	183.96	....	....	....	....	....	....
Credit agencies other than banks	199.96	200.31	188.43	....	....	....	....	....	....
Insurance carriers	269.74	269.60	251.10	....	....	....	....	....	....
SERVICES	.....	.....	.....	....	....	....	....	....	....
Hotels and other lodging places	.....	.....	.....	....	....	....	....	....	....
Laundry, cleaning, & garment services	.....	.....	.....	....	....	....	....	....	....
Business services	.....	.....	.....	....	....	....	....	....	....
Health services	.....	.....	.....	....	....	....	....	....	....
Hospitals	263.84	259.63	236.64	34.0	33.5	34.0	7.76	7.75	6.96
GOVERNMENT	.....	.....	.....	....	....	....	....	....	....
Federal government	.....	.....	.....	....	....	....	....	....	....
State government	.....	.....	.....	....	....	....	....	....	....
State government, except education	.....	.....	.....	....	....	....	....	....	....
State government education	.....	.....	.....	....	....	....	....	....	....
Local government	.....	.....	.....	....	....	....	....	....	....
Local government, except education	.....	.....	.....	....	....	....	....	....	....
Local government education	.....	.....	.....	....	....	....	....	....	....

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b]Preliminary. [c]Revised. [d]Includes miscellaneous manufacturing. [e]Includes tobacco manufactures. [f]Money payments only, tips not included. [h]Low due to labor-management disputes during part of pay period.

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NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN AKRON METROPOLITAN AREA[a]
JUNE 1982

Industry	Employment (in thousands)			Percent Change From[d]	
	June 1982[b]	May 1982[c]	June 1981[c]	May 1982	June 1981
TOTAL	254.8	257.3	259.4	- 1.0	- 1.8
MANUFACTURING	71.3	71.4	77.3	- .2	- 7.8
Durable Goods[e]	35.7	35.8	38.5	- .1	- 7.1
Stone, clay, and glass products	1.7	1.7	1.9	.8	- 11.9
Fabricated metal products	13.5	13.5	14.7	.1	- 8.2
Machinery, except electrical	10.0	9.9	10.8	.2	- 8.1
Special industry machinery	1.9	1.9	2.1	- 1.4	- 9.8
Nondurable Goods[f]	35.[illegible]	35.6	38.8	- .2	- 8.6
Food and kindred products	2.8	2.9	3.1	- 1.4	- 7.3
Chemicals and allied products	3.6	3.6	3.8	.2	- 3.7
Rubber and misc. plastics products	24.0	24.1	26.9	- .2	- 10.8
Tires and inner tubes	18.0	18.3	20.7	- 1.3	- 13.1
NONMANUFACTURING[g]	183.5	185.9	182.1	- 1.3	.8
CONSTRUCTION	7.5	7.2	8.2	4.0	- 8.4
TRANSPORTATION AND PUBLIC UTILITIES	13.5	13.5	14.0	.0	- 3.6
Communication, electric, gas services	5.6	5.5	5.5	.7	.7
WHOLESALE TRADE	12.3	12.2	12.2	.8	1.5
RETAIL TRADE	45.9	45.4	46.0	1.2	- .2
FINANCE, INSURANCE, AND REAL ESTATE	9.3	9.2	9.2	.9	.1
SERVICES	54.8	53.5	53.3	2.5	3.0
GOVERNMENT	39.4	44.2	38.5	- 10.8	2.3
State government (includes education)	10.1	14.5	9.4	- 30.5	7.5
Local government (includes education)	27.3	27.6	27.1	- 1.3	.7

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Akron area is defined as Portage and Summit Counties. Based on March 1981 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; primary metal industries; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Depressed due to labor-management disputes.

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HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN AKRON METROPOLITAN AREA[a]
JUNE 1982

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	June 1982[b]	May 1982[c]	June 1981[c]	June 1982[b]	May 1982[c]	June 1981[c]	June 1982[b]	May 1982[c]	June 1981[c]
TOTAL	.....	.....	.....	....	....	....	....	....	....
MANUFACTURING	$405.15	$400.98	$404.07	41.3	41.0	42.4	$ 9.81	$ 9.78	$ 9.53
Durable Goods[d]	402.14	390.86	388.16	41.5	40.8	42.1	9.69	9.58	9.22
Stone, clay, and glass products	387.82	385.90	362.95	42.9	42.5	42.7	9.04	9.08	8.50
Fabricated metal products	394.42	385.53	400.46	39.8	39.3	41.2	9.91	9.81	9.72
Machinery, except electrical	412.47	396.58	391.50	43.1	42.1	43.5	9.57	9.42	9.00
Special industry machinery	382.37	343.01	354.89	43.5	39.7	42.4	8.79	8.64	8.37
Nondurable Goods[e]	409.18	415.24	423.72	41.0	41.4	42.8	9.98	10.03	9.90
Food and kindred products	441.35	424.39	382.05	45.5	44.3	45.0	9.70	9.58	8.49
Chemicals and allied products	420.43	405.37	405.92	41.3	40.7	43.0	10.18	9.96	9.44
Rubber and misc. plastics products	421.89	442.85	456.56	41.2	42.5	43.9	10.24	10.42	10.40
Tires and inner tubes	531.30	557.87	555.38	42.1	44.1	45.3	12.62	12.65	12.26
NONMANUFACTURING	.....	.....	.....	....	....	....	....	....	....
CONSTRUCTION	559.77	560.27	541.89	39.7	38.8	40.5	14.10	14.44	13.38
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	....	....	....
Communication, electric, gas services	408.18	407.15	384.58	39.9	39.8	41.0	10.23	10.23	9.38
WHOLESALE TRADE	285.76	282.50	284.02	39.8	39.4	38.8	7.18	7.17	7.32
RETAIL TRADE[f]	172.10	168.99	168.95	30.3	29.7	31.0	5.68	5.69	5.45
FINANCE, INSURANCE, AND REAL ESTATE	.....	.....	.....	....	....	....	....	....	....
SERVICES	.....	.....	.....	....	....	....	....	....	....
GOVERNMENT	.....	.....	.....	....	....	....	....	....	....
State government (includes education)	.....	.....	.....	....	....	....	....	....	....
Local government (includes education)	.....	.....	.....	....	....	....	....	....	....

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Akron area is defined as Portage and Summit Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b]Preliminary. [c]Revised. [d]Includes lumber and wood products; furniture and fixtures; primary metal industries; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [e]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; petroleum and coal products; leather and leather products. [f]Money payments only, tips not included. [h]Low due to labor-management disputes during part of pay period.

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NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN CANTON METROPOLITAN AREA[a]
JUNE 1982

Industry	Employment (in thousands)			Percent Change From[d]	
	June 1982[b]	May 1982[c]	June 1981[c]	May 1982	June 1981
TOTAL	155.3	154.6	158.9	.4	- 2.3
MANUFACTURING	51.7	51.0	55.9	1.4	- 7.5
Durable Goods[e]	39.9	39.2	43.8	1.9	- 8.7
Stone, clay, and glass products	1.9	1.9	2.1	.9	- 10.4
Primary metal industries	12.1	11.4	14.7	6.3	- 17.6
Fabricated metal products	9.3	9.3	10.1	.4	- 7.3
Fabricated structural metal products	3.3	3.3	3.4	- .1	- 4.0
Metal forgings and stampings	2.5	2.5	3.1	.7	- 19.8
Nondurable Goods[f]	11.8	11.8	12.2	- .4	- 3.1
Food and kindred products	4.1	4.1	4.3	.6	- 4.4
Rubber and misc. plastics products	3.1	3.1	3.1	1.0	- .7
NONMANUFACTURING[g]	103.5	103.6	103.0	.0	.6
CONSTRUCTION	5.3	5.2	5.2	2.0	.9
TRANSPORTATION AND PUBLIC UTILITIES	7.1	7.0	7.0	.4	1.4
Communication, electric, gas services	3.0	3.0	3.0	.1	1.2
WHOLESALE TRADE	7.4	7.3	7.5	1.5	- 1.0
RETAIL TRADE	26.2	26.1	26.2	.2	- .1
FINANCE, INSURANCE, AND REAL ESTATE	6.5	6.4	6.3	1.6	3.4
SERVICES	31.0	30.7	30.6	1.1	1.5
GOVERNMENT	18.6	19.4	18.8	- 4.2	- 1.4
Local government (includes education)	15.5	16.3	15.7	- 4.6	- 1.2

[a]Estimated in cooperation with U. S. Bureau of Labor Statistics. Canton area is defined as Carroll and Stark Counties. Based on March 1981 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; machinery, except electrical; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Depressed due to labor-management disputes.

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HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN CANTON METROPOLITAN AREA[a]
JUNE 1982

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	June 1982[b]	May 1982[c]	June 1981[c]	June 1982[b]	May 1982[c]	June 1981[c]	June 1982[b]	May 1982[c]	June 1981[c]
TOTAL	.....	.....	.....	....	....	....	....	....	....
MANUFACTURING	$405.34	$394.06	$394.30	39.7	38.9	40.4	$10.21	$10.13	$ 9.76
Durable Goods[d]	413.57	400.28	403.19	39.5	38.6	40.4	10.47	10.37	9.98
Stone, clay, and glass products	267.44	265.16	273.49	39.1	39.4	42.6	6.84	6.73	6.42
Primary metal industries	468.92	439.70	475.99	38.0	36.1	40.1	12.34	12.18	11.87
Fabricated metal products	431.20	426.89	407.22	40.0	39.6	40.6	10.78	10.78	10.03
Fabricated structural metal products	388.44	389.05	355.04	39.0	39.1	40.3	9.96	9.95	8.81
Metal forgings and stampings	530.02	522.86	490.59	41.8	41.3	41.4	12.68	12.66	11.85
Nondurable Goods[e]	375.14	369.20	354.71	40.6	40.0	40.4	9.24	9.23	8.78
Food and kindred products	417.88	411.34	382.79	38.8	38.3	39.1	10.77	10.74	9.79
Rubber and misc. plastics products	397.09	398.41	396.95	45.8	45.9	47.2	8.67	8.68	8.41
NONMANUFACTURING	.....	.....	.....	....	....	....	....	....	....
CONSTRUCTION	539.12	516.96	480.63	36.7	35.9	37.0	14.69	14.40	12.99
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	....	....	....
Communication, electric, gas services	422.69	420.21	392.35	40.8	40.6	41.3	10.36	10.35	9.50
WHOLESALE TRADE	278.63	286.52	278.24	37.3	37.8	39.3	7.47	7.58	7.08
RETAIL TRADE[f]	150.45	148.12	143.96	29.5	29.1	29.5	5.10	5.09	4.88
FINANCE, INSURANCE, AND REAL ESTATE	.....	.....	.....	....	....	....	....	....	....
SERVICES	.....	.....	.....	....	....	....	....	....	....
GOVERNMENT	.....	.....	.....	....	....	....	....	....	....
Local government (includes education)	.....	.....	.....	....	....	....	....	....	....

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Canton area is defined as Carroll and Stark Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b]Preliminary. [c]Revised. [d]Includes lumber and wood products; furniture and fixtures; machinery, except electrical; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [e]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [f]Money payments only, tips not included. [h]Low due to labor-management disputes during part of pay period.

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NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN CINCINNATI METROPOLITAN AREA[a]
JUNE 1982

Industry	Employment (in thousands)			Percent Change From[d]	
	June 1982[b]	May 1982[c]	June 1981[c]	May 1982	June 1981
TOTAL	592.2	589.4	600.5	.5	- 1.4
MANUFACTURING	151.8	151.0	160.1	.6	- 5.2
Durable Goods[e]	84.3	83.7	89.7	.8	- 6.0
Furniture and fixtures	2.2	2.2	2.5	3.3	- 11.9
Primary metal industries	2.3	2.3	2.6	- .3	- 10.4
Fabricated metal products	12.7	12.7	14.7	.5	- 13.1
Fabricated structural metal products	4.2	4.1	4.8	1.2	- 12.4
Machinery, except electrical	23.9	23.9	25.9	- .3	- 7.7
Metalworking machinery	12.2	12.4	13.6	- 1.0	- 9.9
General industrial machinery	3.4	3.4	3.8	1.1	- 11.1
Electric and electronic equipment	8.2	8.2	8.7	- .2	- 5.8
Transportation equipment	23.7	23.6	24.7	.7	- 3.8
Motor vehicles and equipment	9.1	9.0	8.6	1.3	6.1
Nondurable Goods[f]	67.5	67.3	70.4	.3	- 4.1
Food and kindred products	16.2	15.9	16.9	1.6	- 4.6
Meat products	2.4	2.3	2.6	2.5	- 9.5
Bakery products	2.4	2.4	2.4	1.3	- .9
Beverages	4.7	4.5	5.0	3.7	- 6.5
Apparel and other textile products	3.9	3.9	3.8	.2	2.0
Paper and allied products	6.1	6.1	6.4	- .2	- 4.5
Printing and publishing	11.5	11.6	12.0	- .7	- 3.8
Chemicals and allied products	22.2	22.2	22.4	.0	- .9
Rubber and misc. plastics products	3.9	3.9	4.5	.5	- 12.4
NONMANUFACTURING[g]	440.4	438.5	440.5	.4	.0
CONSTRUCTION	21.9	21.3	23.0	3.0	- 4.7
TRANSPORTATION AND PUBLIC UTILITIES	33.0	32.8	33.5	.6	- 1.5
Communication, electric, gas services	14.4	14.3	14.3	.9	.5
WHOLESALE TRADE	37.7	37.7	38.0	.2	- .7
RETAIL TRADE	100.8	100.8	101.6	.0	- .8
FINANCE, INSURANCE, AND REAL ESTATE	32.3	32.1	32.7	.6	- 1.2
Banking	7.4	7.4	7.5	.6	- .7
Insurance carriers	11.3	11.2	11.3	.4	- .5
SERVICES	130.9	128.7	127.7	1.7	2.6
GOVERNMENT	83.4	84.7	83.8	- 1.6	- .4
Federal government	13.1	13.3	13.2	- 1.0	- .3
State government (includes education)	17.9	18.6	18.3	- 4.2	- 2.3
Local government	52.4	52.8	52.3	- .8	.1
Local government, except education	22.8	22.2	22.8	2.6	- .1
Local government education	29.6	30.6	29.5	- 3.3	.3

[a]Estimated in cooperation with U. S. Bureau of Labor Statistics. Cincinnati area is defined as Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. Based on March 1981 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; stone, clay, and glass products; instruments and related products; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Depressed due to labor-management disputes.

Division of Research and Statistics
Ohio Bureau of Employment Services
Columbus 43216

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN CINCINNATI METROPOLITAN AREA[a]
JUNE 1982

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	June 1982[b]	May 1982[c]	June 1981[c]	June 1982[b]	May 1982[c]	June 1981[c]	June 1982[b]	May 1982[c]	June 1981[c]
TOTAL	.....	.....	.....	....	....	....	....	....	....
MANUFACTURING	$392.90	$386.92	$358.90	40.8	40.6	41.3	$ 9.63	$ 9.53	$ 8.69
Durable Goods[d]	388.01	378.39	346.04	40.8	40.6	41.0	9.51	9.32	8.44
Furniture and fixtures	254.50	255.94	245.72	35.2	35.4	37.4	7.23	7.23	6.57
Primary metal industries	356.31	348.12	360.62	37.0	36.0	38.0	9.63	9.67	9.49
Fabricated metal products	361.82	365.65	338.25	40.7	40.9	41.3	8.89	8.94	8.19
Fabricated structural metal products	327.22	321.14	296.95	40.1	39.5	41.3	8.16	8.13	7.19
Machinery, except electrical	330.62	340.02	328.86	38.4	39.4	40.7	8.61	8.63	8.08
Metalworking machinery	351.13	361.34	360.45	37.0	38.4	41.1	9.49	9.41	8.77
General industrial machinery	355.47	352.56	323.08	41.0	40.9	41.0	8.67	8.62	7.88
Electric and electronic equipment	288.56	291.95	266.53	39.1	39.4	39.9	7.38	7.41	6.68
Transportation equipment	574.40	517.75	457.87	44.7	42.3	42.2	12.85	12.24	10.85
Motor vehicles and equipment	701.30	601.37	537.90	48.1	43.8	44.9	14.58	13.73	11.98
Nondurable Goods[e]	398.21	396.26	373.57	40.8	40.6	41.6	9.76	9.76	8.98
Food and kindred products	456.20	457.45	420.09	41.7	41.7	41.8	10.94	10.97	10.05
Meat products	456.96	470.98	450.29	42.0	42.7	42.4	10.88	11.03	10.62
Bakery products	388.52	386.98	392.06	41.2	41.3	44.3	9.43	9.37	8.85
Beverages	405.22	403.79	361.94	40.2	40.5	39.6	10.08	9.97	9.14
Apparel and other textile products	237.41	232.32	222.83	39.9	38.4	39.3	5.95	6.05	5.67
Paper and allied products	345.70	348.14	308.15	41.6	41.2	40.6	8.31	8.45	7.59
Printing and publishing	370.50	374.36	352.28	38.0	38.2	38.5	9.75	9.80	9.15
Chemicals and allied products	443.81	434.93	429.02	41.4	40.8	43.6	10.72	10.66	9.84
Rubber and misc. plastics products	315.18	323.05	329.62	41.2	41.9	43.6	7.65	7.71	7.56
NONMANUFACTURING	.....	.....	.....	....	....	....	....	....	....
CONSTRUCTION	501.81	541.88	514.17	34.3	37.5	38.2	14.63	14.45	13.46
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	....	....	....
Communication, electric, gas services	401.65	392.03	372.13	39.3	38.7	39.8	10.22	10.13	9.35
WHOLESALE TRADE	317.17	311.24	300.56	39.4	39.1	39.6	8.05	7.96	7.59
RETAIL TRADE[f]	156.22	151.63	152.89	30.1	29.5	30.7	5.19	5.14	4.98
FINANCE, INSURANCE, AND REAL ESTATE	.....	.....	.....	....	....	....	....	....	....
Banking	198.90	198.89	190.12	....	....	....	....	....	....
Insurance carriers	.....	.....	.....	....	....	....	....	....	....
SERVICES	.....	.....	.....	....	....	....	....	....	....
GOVERNMENT	.....	.....	.....	....	....	....	....	....	....
Federal government	.....	.....	.....	....	....	....	....	....	....
State government (includes education)	.....	.....	.....	....	....	....	....	....	....
Local government	.....	.....	.....	....	....	....	....	....	....
Local government, except education	.....	.....	.....	....	....	....	....	....	....
Local government education	.....	.....	.....	....	....	....	....	....	....

[a]Estimated in cooperation with U. S. Bureau of Labor Statistics. Cincinnati area is defined as Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b]Preliminary. [c]Revised. [d]Includes lumber and wood products; stone, clay, and glass products; instruments and related products; miscellaneous manufacturing. [e]Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [f]Money payments only, tips not included. [h]Low due to labor-management disputes during part of pay period.

Division of Research and Statistics
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NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN CLEVELAND METROPOLITAN AREA[a]
JUNE 1982

Industry	Employment (in thousands)			Percent Change From[d]	
	June 1982[b]	May 1982[c]	June 1981[c]	May 1982	June 1981
TOTAL	870.0	866.1	893.2	.4	- 2.6
MANUFACTURING	232.8	232.6	251.3	.1	- 7.4
Durable Goods[e]	165.6	165.9	183.4	- .2	- 9.7
Furniture and fixtures	2.2	2.1	2.3	3.0	- 4.1
Primary metal industries	26.8	26.7	30.2	.5	- 11.1
Blast furnace and basic steel products	13.8	13.9	15.9	- .1	- 12.8
Iron and steel foundries	6.8	6.3	7.2	8.5	- 5.3
Nonferrous foundries	2.7	3.0	2.9	- 11.2	- 6.6
Fabricated metal products	36.5	36.7	40.1	- .5	- 9.0
Fabricated structural metal products	4.2	4.2	4.7	.3	- 11.1
Screw machine products, bolts, etc.	5.6	5.6	5.9	- .5	- 5.8
Metal forgings and stampings	13.0	13.1	14.1	- .8	- 8.0
Machinery, except electrical	39.7	40.0	46.2	- .7	- 14.1
Construction and related machinery	6.1	6.2	8.1	- 1.9	- 24.7
Metalworking machinery	14.0	14.1	16.7	- .8	- 15.7
Special industry machinery	4.3	4.3	4.6	.1	- 7.0
General industrial machinery	3.3	3.3	3.8	- 1.3	- 14.8
Electric and electronic equipment	24.4	24.5	24.6	- .6	- 1.1
Electrical industrial apparatus	8.3	8.3	9.1	.0	- 8.3
Transportation equipment	20.9	20.8	24.2	.7	- 13.4
Motor vehicles and equipment	13.9	13.9	16.7	.3	- 16.7
Instruments and related products	6.4	6.5	6.7	- .4	- 3.7
Nondurable Goods[f]	67.2	66.6	67.9	.9	- 1.0
Food and kindred products	8.2	8.1	8.5	1.5	- 3.7
Bakery products	1.8	1.8	1.9	1.5	- 1.9
Beverages	1.6	1.5	1.7	4.1	- 3.4
Apparel and other textile products	5.3	5.3	5.6	- 1.0	- 5.3
Paper and allied products	5.0	5.0	5.1	.0	- 2.5
Printing and publishing	15.6	15.5	15.2	.8	2.4
Chemicals and allied products	15.8	15.6	16.3	1.1	- 3.0
Industrial inorganic chemicals	4.1	4.1	4.2	- .1	- 4.5
Rubber and misc. plastics products	10.9	10.7	10.9	1.2	- .5
NONMANUFACTURING[g]	637.1	633.5	641.9	.6	- .7
CONSTRUCTION	27.5	25.8	28.7	6.4	- 4.3
TRANSPORTATION AND PUBLIC UTILITIES	44.8	44.6	45.8	.5	- 2.2
Communication, electric, gas services	20.0	20.0	19.8	.4	1.1
WHOLESALE TRADE	61.5	61.1	62.9	.6	- 2.3
RETAIL TRADE	135.9	135.5	138.2	.3	- 1.7
FINANCE, INSURANCE, AND REAL ESTATE	48.2	47.7	48.2	1.0	.1
Banking	13.5	13.4	13.9	.6	- 3.0
Insurance carriers	11.9	11.8	11.8	.4	.6
SERVICES	198.4	197.8	194.3	.3	2.1
GOVERNMENT	119.5	119.6	122.5	- .1	- 2.4
Federal government	19.3	19.2	19.9	.5	- 3.3
State government (includes education)	7.7	7.5	8.1	3.6	- 4.9
Local government	92.5	93.0	94.4	- .5	- 2.0
Local government, except education	47.0	45.9	46.4	2.4	1.3
Local government education	45.6	47.1	48.1	- 3.2	- 5.2

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Cleveland area is defined as Cuyahoga, Geauga, Lake, and Medina Counties. Based on March 1981 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; stone, clay, and glass products; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Depressed due to labor-management disputes.

Division of Research and Statistics
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HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN CLEVELAND METROPOLITAN AREA[a]
JUNE 1982

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	June 1982[b]	May 1982[c]	June 1981[c]	June 1982[b]	May 1982[c]	June 1981[c]	June 1982[b]	May 1982[c]	June 1981[c]
TOTAL	.....	.....	.....	....	....	....	....	....	....
MANUFACTURING	$420.86	$409.86	$411.18	41.1	40.5	42.0	$10.24	$10.12	$ 9.79
Durable Goods[d]	444.64	430.20	434.95	41.4	40.7	42.6	10.74	10.57	10.21
Furniture and fixtures	278.14	300.05	308.62	38.9	39.9	43.9	7.15	7.52	7.03
Primary metal industries	516.66	497.27	520.23	41.3	40.2	44.2	12.51	12.37	11.77
Blast furnace and basic steel products	521.90	481.82	563.33	39.3	36.2	43.5	13.28	13.31	12.95
Iron and steel foundries	632.80	657.07	603.88	45.2	46.7	47.4	14.00	14.07	12.74
Nonferrous foundries	341.82	334.14	312.02	39.7	40.6	39.1	8.61	8.23	7.98
Fabricated metal products	443.46	426.18	410.44	41.6	40.9	41.5	10.66	10.42	9.89
Fabricated structural metal products	346.86	330.91	319.60	41.0	39.3	40.1	8.46	8.42	7.97
Screw machine products, bolts, etc.	349.44	344.32	359.51	38.4	38.3	40.9	9.10	8.99	8.79
Metal forgings and stampings	579.76	542.20	518.96	44.7	43.1	43.5	12.97	12.58	11.93
Machinery, except electrical	414.06	397.15	422.35	40.2	39.4	41.9	10.30	10.08	10.08
Construction and related machinery	446.29	439.09	441.17	39.7	39.1	40.4	11.24	11.23	10.92
Metalworking machinery	365.90	377.86	412.13	37.8	38.4	42.4	9.68	9.84	9.72
Special industry machinery	423.74	409.85	383.17	41.1	40.3	37.9	10.31	10.17	10.11
General industrial machinery	396.61	405.41	387.58	39.9	40.1	41.9	9.94	10.11	9.25
Electric and electronic equipment	338.61	340.17	365.94	39.1	39.1	42.9	8.66	8.70	8.53
Electrical industrial apparatus	320.16	332.22	404.43	34.8	35.8	44.2	9.20	9.28	9.15
Transportation equipment	588.69	567.16	525.84	46.5	45.3	44.3	12.66	12.52	11.87
Motor vehicles and equipment	640.58	609.70	559.12	48.2	46.4	45.2	13.29	13.14	12.37
Instruments and related products	314.01	310.87	293.30	39.9	39.5	40.4	7.87	7.87	7.26
Nondurable Goods[e]	351.75	350.40	332.80	40.2	40.0	40.0	8.75	8.76	8.32
Food and kindred products	376.19	372.24	342.79	42.7	42.3	41.5	8.81	8.80	8.26
Bakery products	397.10	395.54	327.86	42.2	42.9	38.8	9.41	9.22	8.45
Beverages	325.21	306.88	307.97	40.6	39.7	40.1	8.01	7.73	7.68
Apparel and other textile products	249.08	245.06	235.38	37.4	37.3	37.6	6.66	6.57	6.26
Paper and allied products	367.00	352.41	321.97	41.8	40.6	39.7	8.78	8.68	8.11
Printing and publishing	373.61	374.45	355.88	37.7	37.9	37.9	9.91	9.88	9.39
Chemicals and allied products	417.96	420.43	398.11	41.3	41.3	41.6	10.12	10.18	9.57
Industrial inorganic chemicals	412.90	419.45	412.27	40.6	40.1	40.3	10.17	10.46	10.23
Rubber and misc. plastics products	316.26	308.86	300.04	42.0	40.8	42.2	7.53	7.57	7.11
NONMANUFACTURING	.....	.....	.....	....	....	....	....	....	....
CONSTRUCTION	623.94	605.46	585.22	37.7	37.7	38.2	16.55	16.06	15.32
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	.....	....	....
Communication, electric, gas services	446.52	440.30	419.20	40.3	40.1	41.3	11.08	10.98	10.15
WHOLESALE TRADE	329.41	326.24	312.02	38.8	38.7	39.1	8.49	8.43	7.98
RETAIL TRADE[f]	164.15	161.58	158.37	28.9	28.1	28.9	5.68	5.75	5.48
FINANCE, INSURANCE, AND REAL ESTATE	.....	.....	.....	....	....	....	....	....	....
Banking	226.67	226.32	207.99	....	....	....	....	....	....
Insurance carriers	.....	.....	.....	....	....	....	....	....	....
SERVICES	.....	.....	.....	....	....	....	....	....	....
GOVERNMENT	.....	.....	.....	....	....	....	....	....	....
Federal government	.....	.....	.....	....	....	....	....	....	....
State government (includes education)	.....	.....	.....	....	....	....	....	....	....
Local government	.....	.....	.....	....	....	....	....	....	....
Local government, except education	.....	.....	.....	....	....	....	....	....	....
Local government education	.....	.....	.....	....	....	....	....	....	....

[a]Estimated in cooperation with U. S. Bureau of Labor Statistics. Cleveland area is defined as Cuyahoga, Geauga, Lake, and Medina Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b]Preliminary. [c]Revised. [d]Includes lumber and wood products; stone, clay, and glass products; miscellaneous manufacturing. [e]Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [f]Money payments only, tips not included. [h]Low due to labor-management disputes during part of pay period.

Division of Research and Statistics
Ohio Bureau of Employment Services
Columbus 43216

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN COLUMBUS METROPOLITAN AREA[a]
JUNE 1982

Industry	Employment (in thousands)			Percent Change From[d]	
	June 1982[b]	May 1982[c]	June 1981[c]	May 1982	June 1981
TOTAL	508.4	506.3	512.7	.4	- .8
MANUFACTURING	88.3	87.8	94.4	.6	- 6.5
Durable Goods[e]	55.4	54.8	60.3	1.1	- 8.2
Stone, clay, and glass products	9.0	8.4	10.1	7.5	- 10.8
Fabricated metal products	9.2	9.1	11.9	.9	- 22.2
Machinery, except electrical	10.9	10.9	11.9	- .4	- 8.4
Electric and electronic equipment	11.6	11.5	11.9	1.3	- 2.2
Transportation equipment	6.3	6.4	5.8	- 2.7	7.1
Nondurable Goods[f]	32.9	33.0	34.1	- .3	- 3.4
Food and kindred products	10.8	10.7	10.6	1.3	1.5
Printing and publishing	8.4	8.5	8.5	- 1.4	- 1.9
Chemicals and allied products	6.1	6.0	6.2	1.2	- 2.9
Rubber and misc. plastics products	2.7	2.8	3.3	- 5.1	- 19.9
NONMANUFACTURING[g]	420.1	418.5	418.3	.4	.5
CONSTRUCTION	16.4[h]	17.1	18.8	- 4.2	- 12.6
TRANSPORTATION AND PUBLIC UTILITIES	23.8	23.8	24.3	.1	- 1.9
Communication, electric, gas services	11.4	11.4	11.5	.0	- .7
WHOLESALE TRADE	27.7	27.6	27.4	.5	1.3
RETAIL TRADE	93.6	93.5	92.1	.2	1.6
FINANCE, INSURANCE, AND REAL ESTATE	41.3	40.7	39.5	1.5	4.5
Banking	8.1	8.1	7.9	- .1	3.0
Insurance carriers	17.9	17.7	17.2	1.3	4.6
SERVICES	114.1	112.2	110.2	1.7	3.5
GOVERNMENT	102.3	102.8	105.2	- .5	- 2.8
Federal government	11.5	11.5	11.7	.6	- 1.5
State government	48.3	48.7	49.5	- .9	- 2.6
State government, except education	28.9	28.8	29.1	.5	- .5
State government education[i]	19.3	19.9	20.4	- 2.9	- 5.6
Local government	42.5	42.6	44.0	- .3	- 3.4
Local government, except education	17.5	17.1	18.4	2.0	- 5.2
Local government education	25.0	25.5	25.6	- 1.8	- 2.1

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Columbus area is defined as Delaware, Fairfield, Franklin, Madison, and Pickaway Counties. Based on March 1981 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; primary metal industries; instruments and related products; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Depressed due to labor-management disputes. [i]Includes State Universities, State Schools for Deaf and Blind, and the State Library. Excludes hospitals, the agricultural extension service, agricultural research centers, and departments coordinating and administering education programs (notably, the Ohio Department of Education).

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HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN COLUMBUS METROPOLITAN AREA[a]
JUNE 1982

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	June 1982[b]	May 1982[c]	June 1981[c]	June 1982[b]	May 1982[c]	June 1981[c]	June 1982[b]	May 1982[c]	June 1981[c]
TOTAL	.....	.....	.....	....	....	....	....	....	....
MANUFACTURING	$373.86	$368.02	$345.14	40.2	39.7	39.9	$ 9.30	$ 9.27	$ 8.65
Durable Goods[d]	384.46	376.44	358.60	40.3	39.5	39.8	9.54	9.53	9.01
Stone, clay, and glass products	353.73	344.16	330.66	39.7	38.8	39.6	8.91	8.87	8.35
Fabricated metal products	447.20	424.60	431.64	40.0	38.6	39.6	11.18	11.00	10.90
Machinery, except electrical	379.13	377.87	356.57	41.8	41.8	41.9	9.07	9.04	8.51
Electric and electronic equipment	370.64	373.33	335.79	40.2	40.1	39.0	9.22	9.31	8.61
Transportation equipment	478.22	444.51	370.60	43.2	40.3	39.3	11.07	11.03	9.43
Nondurable Goods[e]	352.80	352.08	316.79	40.0	40.1	40.1	8.82	8.78	7.90
Food and kindred products	373.68	352.77	317.34	43.3	41.6	41.0	8.63	8.48	7.74
Printing and publishing	397.74	400.52	339.41	37.7	38.0	36.3	10.55	10.54	9.35
Chemicals and allied products	396.33	402.90	356.51	41.5	42.1	41.6	9.55	9.57	8.57
Rubber and misc. plastics products	288.56	307.23	291.51	36.9	39.9	41.0	7.82	7.70	7.11
NONMANUFACTURING	.....	.....	.....	....	....	....	....	....	....
CONSTRUCTION	486.40	506.68	459.87	38.0	39.4	38.1	12.80	12.86	12.07
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	....	....	....
Communication, electric, gas services	430.40	422.14	406.64	40.0	39.6	41.2	10.76	10.66	9.87
WHOLESALE TRADE	291.46	294.14	284.20	38.0	38.5	39.2	7.67	7.64	7.25
RETAIL TRADE[f]	149.91	148.40	141.62	28.5	28.0	29.2	5.26	5.30	4.85
FINANCE, INSURANCE, AND REAL ESTATE	.....	.....	.....	....	....	....	....	....	....
Banking	221.81	219.71	178.00	....	....	....	....	....	....
Insurance carriers	.....	.....	.....	....	....	....	....	....	....
SERVICES	.....	.....	.....	....	....	....	....	....	....
GOVERNMENT	.....	.....	.....	....	....	....	....	....	....
Federal government	.....	.....	.....	....	....	....	....	....	....
State government	.....	.....	.....	....	....	....	....	....	....
State government, except education	.....	.....	.....	....	....	....	....	....	....
State government education	.....	.....	.....	....	....	....	....	....	....
Local government	.....	.....	.....	....	....	....	....	....	....
Local government, except education	.....	.....	.....	....	....	....	....	....	....
Local government education	.....	.....	.....	....	....	....	....	....	....

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Columbus area is defined as Delaware, Fairfield, Franklin, Madison, and Pickaway Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b]Preliminary. [c]Revised. [d]Includes lumber and wood products; furniture and fixtures; primary metal industries; instruments and related products; miscellaneous manufacturing. [e]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; petroleum and coal products; leather and leather products. [f]Money payments only, tips not included. [h]Low due to labor-management disputes during part of pay period.

Division of Research and Statistics
Ohio Bureau of Employment Services
Columbus 43216

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN DAYTON METROPOLITAN AREA[a]
JUNE 1982

Industry	Employment (in thousands)			Percent Change From[d]	
	June 1982[b]	May 1982[c]	June 1981[c]	May 1982	June 1981
TOTAL	348.2	346.6	355.2	.5	- 2.0
MANUFACTURING	90.7	90.2	98.4	.6	- 7.8
Durable Goods[e]	63.2	62.5	67.3	1.1	- 6.1
Stone, clay, and glass products	2.1	2.1	2.4	1.3	- 12.7
Fabricated metal products	6.8	6.8	7.2	.5	- 5.1
Machinery, except electrical	29.9	29.4	31.7	1.4	- 5.9
Metalworking machinery	6.4	6.4	7.3	- .6	- 13.4
Electric and electronic equipment	5.0	5.0	5.5	- 1.1	- 10.2
Electrical industrial apparatus	2.9	2.9	3.4	.5	- 14.4
Transportation equipment	13.5	13.3	13.8	1.8	- 1.8
Nondurable Goods[f]	27.5	27.7	31.1	- .6	- 11.5
Food and kindred products	3.1	3.1	3.0	.0	2.2
Paper and allied products	5.3	5.3	6.0	.7	- 11.6
Printing and publishing	7.4	7.9	9.2	- 6.3	- 19.3
Rubber and misc. plastics products	7.9	7.6	9.1	3.6	- 13.4
NONMANUFACTURING[g]	257.5	256.5	256.9	.4	.2
CONSTRUCTION	11.2	10.7	12.0	4.4	- 7.3
TRANSPORTATION AND PUBLIC UTILITIES	13.3	13.1	13.4	1.2	- 1.0
Communication, electric, gas services	6.5	6.4	6.7	.7	- 3.3
WHOLESALE TRADE	16.6	16.5	16.6	.8	.1
RETAIL TRADE	56.1	56.2	56.6	- .1	- .9
FINANCE, INSURANCE, AND REAL ESTATE	14.0	13.9	13.6	1.0	3.6
SERVICES	76.8	76.1	74.8	1.0	2.8
GOVERNMENT	69.0	69.5	69.4	- .8	- .6
Federal government	25.9	25.7	26.0	.9	- .5
State government (includes education)	6.4	6.4	5.9	.0	9.6
Local government	36.7	37.4	37.5	- 2.0	- 2.2
Local government, except education	12.9	12.4	14.3	4.1	- 9.4
Local government education	23.7	25.0	23.2	- 5.1	2.1

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Dayton area is defined as Greene, Miami, Montgomery, and Preble Counties. Based on March 1981 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; primary metal industries; instruments and related products; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; apparel and other textile products; chemicals and allied products; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Depressed due to labor-management disputes.

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Columbus 43216

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN DAYTON METROPOLITAN AREA[a]
JUNE 1982

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	June 1982[b]	May 1982[c]	June 1981[c]	June 1982[b]	May 1982[c]	June 1981[c]	June 1982[b]	May 1982[c]	June 1981[c]
TOTAL	.....	.....	.....	....	....	....	....	....	....
MANUFACTURING	$429.30	$402.40	$410.98	41.2	40.0	42.5	$10.42	$10.06	$ 9.67
Durable Goods[d]	429.94	401.00	411.70	41.5	40.1	43.2	10.36	10.00	9.53
Stone, clay, and glass products	398.69	363.08	341.11	40.6	41.4	40.9	9.82	8.77	8.34
Fabricated metal products	318.24	327.20	316.92	39.0	40.0	42.2	8.16	8.18	7.51
Machinery, except electrical	451.34	419.42	424.13	42.3	40.8	43.5	10.67	10.28	9.75
Metalworking machinery	391.64	393.02	394.70	39.6	39.9	41.9	9.89	9.85	9.42
Electric and electronic equipment	302.94	296.86	310.68	40.5	39.9	42.5	7.48	7.44	7.31
Electrical industrial apparatus	319.20	314.79	340.33	39.9	39.3	43.8	8.00	8.01	7.77
Transportation equipment	546.07	497.84	546.31	42.2	39.7	44.2	12.94	12.54	12.36
Nondurable Goods[e]	425.82	406.76	410.59	40.4	39.8	41.1	10.54	10.22	9.99
Food and kindred products	380.85	380.85	358.36	38.2	38.2	38.7	9.97	9.97	9.26
Paper and allied products	330.26	334.15	364.71	39.6	40.9	44.1	8.34	8.17	8.27
Printing and publishing	382.02	384.56	433.65	37.6	37.3	41.3	10.16	10.31	10.50
Rubber and misc. plastics products	575.52	524.06	495.73	43.6	41.2	40.6	13.20	12.72	12.21
NONMANUFACTURING	.....	.....	.....	....	....	....	....	....	....
CONSTRUCTION	489.47	524.77	469.10	36.5	38.7	37.8	13.41	13.56	12.41
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	....	....	....
Communication, electric, gas services	415.26	412.63	394.23	39.7	39.6	40.6	10.46	10.42	9.71
WHOLESALE TRADE	307.13	289.92	282.88	41.9	40.1	41.6	7.33	7.23	6.80
RETAIL TRADE[f]	149.72	148.19	147.80	29.3	29.0	29.5	5.11	5.11	5.01
FINANCE, INSURANCE, AND REAL ESTATE	.....	.....	.....	....	....	....	....	....	....
SERVICES	.....	.....	.....	....	....	....	....	....	....
GOVERNMENT	.....	.....	.....	....	....	....	....	....	....
Federal government	.....	.....	.....	....	....	....	....	....	....
State government (includes education)	.....	.....	.....	....	....	....	....	....	....
Local government	.....	.....	.....	....	....	....	....	....	....
Local government, except education	.....	.....	.....	....	....	....	....	....	....
Local government education	.....	.....	.....	....	....	....	....	....	....

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Dayton area is defined as Greene, Miami, Montgomery, and Preble Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b]Preliminary. [c]Revised. [d]Includes lumber and wood products; furniture and fixtures; primary metal industries; instruments and related products; miscellaneous manufacturing. [e]Includes tobacco manufactures; textile mill products; apparel and other textile products; chemicals and allied products; petroleum and coal products; leather and leather products. [f]Money payments only, tips not included. [h]Low due to labor-management disputes during part of pay period.

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Ohio Bureau of Employment Services
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NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN TOLEDO METROPOLITAN AREA[a]
JUNE 1982

Industry	Employment (in thousands)			Percent Change From[d]	
	June 1982[b]	May 1982[c]	June 1981[c]	May 1982	June 1981
TOTAL	288.2	288.6	298.1	- .1	- 3.3
MANUFACTURING	69.1	69.0	76.1	.1	- 9.2
Durable Goods[e]	53.5	53.6	59.0	- .2	- 9.3
Stone, clay, and glass products	12.2	12.2	13.2	- .3	- 7.7
Primary metal industries	4.1	4.0	4.5	3.9	- 8.7
Fabricated metal products	6.9	7.0	8.1	- 2.3	- 15.1
Metal forgings and stampings	3.1	3.3	4.0	- 5.7	- 22.1
Machinery, except electrical	6.1	6.1	7.0	- .8	- 13.3
General industrial machinery	1.9	1.9	2.1	.9	- 8.6
Transportation equipment	16.7	16.7	17.5	.3	- 4.5
Motor vehicles and equipment	15.3	15.3	16.4	.3	- 6.5
Nondurable Goods[f]	15.6	15.4	17.1	1.1	- 9.0
Food and kindred products	4.1	4.1	4.3	- .6	- 4.3
Petroleum and coal products	1.7	1.7	2.0	.1	- 15.9
Rubber and misc. plastics products	2.9	2.9	3.4	.3	- 13.6
NONMANUFACTURING[g]	219.1	219.6	222.0	- .2	- 1.3
CONSTRUCTION	10.6[h]	10.9	12.0	- 2.4	- 11.8
TRANSPORTATION AND PUBLIC UTILITIES	19.1	19.1	19.4	.2	- 1.5
Communication, electric, gas services	7.8	7.7	7.7	.5	1.6
WHOLESALE TRADE	14.5	14.5	14.8	.1	- 2.3
RETAIL TRADE	51.5	51.1	52.3	.7	- 1.6
FINANCE, INSURANCE, AND REAL ESTATE	10.8	10.7	10.7	.9	1.1
SERVICES	66.6	66.4	64.3	.4	3.7
GOVERNMENT	45.4	46.4	48.0	- 2.1	- 5.4
State government (includes education)	14.8	14.6	15.2	1.2	- 2.7
Local government	27.8	29.0	30.0	- 3.9	- 7.3
Local government, except education	11.0	11.0	12.1	.3	- 8.5
Local government education	16.8	18.0	18.0	- 6.5	- 6.5

[a]Estimated in cooperation with U. S. Bureau of Labor Statistics. Toledo area is defined as Fulton, Lucas, Ottawa, and Wood Counties, Ohio; and Monroe County, Michigan. Based on March 1981 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; electric and electronic equipment; instruments and related products; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; leather and leather products. [g]Includes mining. [h]Depressed due to labor-management disputes.

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HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN TOLEDO METROPOLITAN AREA[a]
JUNE 1982

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	June 1982[b]	May 1982[c]	June 1981[c]	June 1982[b]	May 1982[c]	June 1981[c]	June 1982[b]	May 1982[c]	June 1981[c]
TOTAL	.....	.....	.....	....	....	....	....	....	....
MANUFACTURING	$457.87	$447.31	$411.76	41.7	41.0	41.3	$10.98	$10.91	$ 9.97
Durable Goods[d]	475.27	464.84	421.89	41.8	41.1	41.2	11.37	11.31	10.24
Stone, clay, and glass products	466.77	466.62	419.05	41.9	41.7	42.2	11.14	11.19	9.93
Primary metal industries	415.10	418.89	395.51	42.4	42.7	42.3	9.79	9.81	9.35
Fabricated metal products	461.98	439.02	378.80	42.5	40.5	40.6	10.87	10.84	9.33
Metal forgings and stampings	543.26	519.40	445.67	43.6	42.4	41.0	12.46	12.25	10.87
Machinery, except electrical	418.00	417.35	409.00	40.0	39.9	40.9	10.45	10.46	10.00
General industrial machinery	450.06	451.63	489.77	39.0	38.9	43.0	11.54	11.61	11.39
Transportation equipment	558.09	538.26	510.76	42.7	41.5	41.9	13.07	12.97	12.19
Motor vehicles and equipment	559.80	539.92	510.41	42.7	41.5	41.7	13.11	13.01	12.24
Nondurable Goods[e]	395.24	383.54	371.90	41.3	40.5	41.6	9.57	9.47	8.94
Food and kindred products	412.85	404.34	373.18	42.3	41.9	42.6	9.76	9.65	8.76
Petroleum and coal products	624.79	625.90	572.46	43.6	43.8	43.9	14.33	14.29	13.04
Rubber and misc. plastics products	331.30	323.08	326.75	40.7	39.4	41.1	8.14	8.20	7.95
NONMANUFACTURING	.....	.....	.....	....	....	....	....	....	....
CONSTRUCTION	634.00	629.61	549.43	39.6	39.4	37.3	16.01	15.98	14.73
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	....	....	....
Communication, electric, gas services	451.13	442.18	403.10	40.1	39.8	40.8	11.25	11.11	9.88
WHOLESALE TRADE	325.08	334.70	304.10	38.2	39.1	38.3	8.51	8.56	7.94
RETAIL TRADE[f]	158.81	157.18	157.34	29.3	29.0	29.8	5.42	5.42	5.28
FINANCE, INSURANCE, AND REAL ESTATE	.....	.....	.....	....	....	....	....	....	....
SERVICES	.....	.....	.....	....	....	....	....	....	....
GOVERNMENT	.....	.....	.....	....	....	....	....	....	....
State government (includes education)	.....	.....	.....	....	....	....	....	....	....
Local government	.....	.....	.....	....	....	....	....	....	....
Local government, except education	.....	.....	.....	....	....	....	....	....	....
Local government education	.....	.....	.....	....	....	....	....	....	....

[a]Estimated in cooperation with U. S. Bureau of Labor Statistics. Toledo area is defined as Fulton, Lucas, Ottawa, and Wood Counties, Ohio; and Monroe County, Michigan. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b]Preliminary. [c]Revised. [d]Includes lumber and wood products; furniture and fixtures; electric and electronic equipment; instruments and related products; miscellaneous manufacturing. [e]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; leather and leather products. [f]Money payments only, tips not included. [h]Low due to labor-management disputes during part of pay period.

Division of Research and Statistics
Ohio Bureau of Employment Services
Columbus 43216

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN YOUNGSTOWN-WARREN METROPOLITAN AREA[a]
JUNE 1982

Industry	Employment (in thousands)			Percent[d] Change From	
	June 1982[b]	May 1982[c]	June 1981[c]	May 1982	June 1981
TOTAL	191.7	190.4	204.4	.7	- 6.2
MANUFACTURING	58.0	57.8	69.9	.3	- 17.1
Durable Goods[e]	52.3	52.2	64.2	.2	- 18.6
Stone, clay, and glass products	1.8	1.8	1.9	- .3	- 2.2
Primary metal industries	24.8	24.7	30.0	.4	- 17.3
Blast furnace and basic steel products	11.9	12.1	15.5	- 1.7	- 23.3
Fabricated metal products	8.6	8.7	9.5	- .5	- 9.6
Fabricated structural metal products	2.8	2.7	2.7	.5	2.4
Machinery, except electrical	5.1	5.1	5.5	- .8	- 8.2
Metalworking machinery	2.4	2.5	2.5	- 2.2	- 5.3
Electric and electronic equipment	3.0	3.0	3.0	.1	- 2.1
Transportation equipment	7.3	7.2	12.4	1.3	- 40.9
Nondurable Goods[f]	5.6	5.6	5.7	1.5	- 1.2
NONMANUFACTURING[g]	133.7	132.6	134.4	.9	- .5
CONSTRUCTION	6.2	5.8	6.7	6.7	- 8.3
TRANSPORTATION AND PUBLIC UTILITIES	9.1	9.0	9.4	.8	- 3.3
Communication, electric, gas services	3.3	3.3	3.3	.5	- .1
WHOLESALE TRADE	7.9	7.7	8.0	1.9	- 1.4
RETAIL TRADE	36.2	36.0	36.6	.4	- 1.1
FINANCE, INSURANCE, AND REAL ESTATE	7.4	7.2	7.2	1.6	2.6
SERVICES	40.2	39.8	39.6	1.0	1.5
GOVERNMENT	26.0	26.2	26.2	- .7	- .6
Local government (includes education)	20.3	20.5	20.6	- 1.0	- 1.4

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Youngstown-Warren area is defined as Mahoning and Trumbull Counties. Based on March 1981 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; instruments and related products; miscellaneous manufacturing. [f]Includes food and kindred products; tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; rubber and misc. plastics products; leather and leather products. [g]Includes mining. [h]Depressed due to labor-management disputes.

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Columbus 43216

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN YOUNGSTOWN-WARREN METROPOLITAN AREA[a]
JUNE 1982

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	June 1982[b]	May 1982[c]	June 1981[c]	June 1982[b]	May 1982[c]	June 1981[c]	June 1982[b]	May 1982[c]	June 1981[c]
TOTAL	.....	.....	.....	....	....	....	....	....	....
MANUFACTURING	$467.60	$459.81	$484.38	40.0	39.3	41.4	$11.69	$11.70	$11.70
Durable Goods[d]	480.40	471.99	498.04	40.0	39.3	41.4	12.01	12.01	12.03
Stone, clay, and glass products	310.42	315.09	289.43	37.4	37.6	35.6	8.30	8.38	8.13
Primary metal industries	504.27	480.42	510.79	39.0	37.3	40.7	12.93	12.88	12.55
Blast furnace and basic steel products	505.78	490.54	539.50	38.0	36.8	41.5	13.31	13.33	13.00
Fabricated metal products	455.91	452.02	535.92	38.9	38.7	44.0	11.72	11.68	12.18
Fabricated structural metal products	350.34	342.81	385.93	36.8	36.2	39.3	9.52	9.47	9.82
Machinery, except electrical	435.10	431.68	409.46	38.2	37.9	37.6	11.39	11.39	10.89
Metalworking machinery	449.80	442.65	427.19	39.7	39.0	38.8	11.33	11.35	11.01
Electric and electronic equipment	373.77	364.18	327.53	41.3	40.6	39.7	9.05	8.97	8.25
Transportation equipment	576.25	599.98	564.08	46.1	46.8	44.0	12.50	12.82	12.82
Nondurable Goods[e]	328.20	333.83	315.18	39.4	39.6	41.2	8.33	8.43	7.65
NONMANUFACTURING	.....	.....	.....	....	....	....	....	....	....
CONSTRUCTION	559.36	495.94	526.88	38.0	35.5	37.5	14.72	13.97	14.05
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	....	....	....
Communication, electric, gas services	405.96	403.52	406.00	39.8	39.6	43.1	10.20	10.19	9.42
WHOLESALE TRADE	333.83	330.91	331.71	39.6	39.3	40.7	8.43	8.42	8.15
RETAIL TRADE[f]	157.18	156.51	154.50	29.6	29.2	30.0	5.31	5.36	5.15
FINANCE, INSURANCE, AND REAL ESTATE	.....	.....	.....	....	....	....	....	....	....
SERVICES	.....	.....	.....	....	....	....	....	....	....
GOVERNMENT	.....	.....	.....	....	....	....	....	....	....
Local government (includes education)	.....	.....	.....	....	....	....	....	....	....

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Youngstown-Warren area is defined as Mahoning and Trumbull Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b]Preliminary. [c]Revised. [d]Includes lumber and wood products; furniture and fixtures; instruments and related products; miscellaneous manufacturing. [e]Includes food and kindred products; tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; rubber and misc. plastics products; leather and leather products. [f]Money payments only, tips not included. [h]Low due to labor-management disputes during part of pay period.

Division of Research and Statistics
Ohio Bureau of Employment Services
Columbus 43216

NOTES ON OHIO EMPLOYMENT, HOURS, AND EARNINGS ESTIMATES

Civilian Labor Force Estimates

Civilian Labor Force.--Estimated number of workers 16 years of age and over, employed or unemployed during week including 12th of month, distributed by place of residence.

Total Employed.--Includes nonagricultural wage and salary workers, the self-employed, unpaid family workers, domestics, agricultural workers, and persons involved in labor disputes. Estimates of self-employed, domestics, and unpaid family workers based on data from U.S. Department of Labor and Bureau of the Census. Agricultural worker estimates derived from information supplied by U.S. Department of Agriculture. Estimates of workers involved in labor disputes based in part upon data from Federal Mediation and Conciliation Service. Employment distributed by place of residence.

Total Unemployed.--Estimated number of persons, by place of residence, who did not work during reference week and were looking for work, whether or not eligible for unemployment conpensation. Includes those who did not work and were waiting to be called back to an old job or to report to a new job.

Nonagricultural Wage and Salary Employment

Collection.--Nonagricultural wage and salary employment as well as hours and earnings estimates based on monthly reports from sample of employers. Under cooperative arrangement with U.S. Bureau of Labor Statistics, Division of Research and Statistics of Ohio Bureau of Employment Services mails, edits, and processes Ohio reports, which are subsequently incorporated in national data.

Industrial Classification.--Employer establishments classified by industry on basis of their principal product or service. The Standard Industrial Classification Manual (U.S. Office of Management and Budget, Washington, D. C., 1972, amended 1977) used for classification.

Coverage.--Monthly reports on employment and (for most industries) payroll and hours obtained from approximately 8,000 Ohio employers.

Coverage of Ohio Nonagricultural Employment Sample

Industry Division	Approximate Percentage Covered by Sample
Total	43
Manufacturing	62
Nonmanufacturing	35
Mining	63
Construction	24
Transportation and Public Utilities	47
Wholesale Trade	19
Retail Trade	18
Finance, Insurance, and Real Estate	47
Services and Miscellaneous	21
Government	68

Nonagricultural Employment.--Persons who worked during, or received pay for, any part of pay periods which include 12th of month, distributed by place of employment. Includes persons on paid sick leave, paid holiday, or paid vacation. Excluded are persons laid off, on strike, or on unpaid vacation during entire reporting period. Proprietors, the self-employed, unpaid family workers, farm workers, and domestic workers also excluded. Government employment covers only civilian employees. Full-time teachers considered employed during the summer vacation period, whether or not paid in those months.

Estimating Method.--Total employment is estimated from the employment of establishments reporting for two consecutive months, as follows:

$$\text{Total Employment (current month)} = \text{Total Employment (previous month)} \times \frac{\text{Sample Employment (current month)}}{\text{Sample Employment (previous month)}}$$

Benchmark Data.--Employment estimates compared annually with complete count of employment, by industry. Where revisions necessary, monthly estimates adjusted to new benchmark. Following revisions to new benchmark, industry data projected forward to current month by use of sample trends. Basic source of benchmark information is tabulations of employment data, by industry and area, compiled from contribution reports of employers covered under Ohio Unemployment Compensation Law.

Hours and Earnings

Method of Computing Averages.--Average hours computed by dividing total production worker hours worked during one week (the seven-day periods which include 12th of month) by number of production workers reported for such week. Average hourly earnings computed by dividing total production worker payroll for one week by total production worker hours for week. Average weekly earnings derived by multiplying average hourly earnings by average weekly hours.

Definitions.--Definitions of production or similar workers, payroll, and hours--from which average hours and earnings data are derived--follow:

Production Workers.--Includes working supervisors and all nonsupervisory workers (including group leaders and trainees) engaged in fabricating, processing, assembling, inspection, receiving, storage, handling, packing, warehousing, shipping, maintenance, repair, janitorial and guard services, product development, auxiliary production for plant's own use (such as power plant), and record keeping and other services closely associated with production operations.

Nonsupervisory Workers.--Includes employees (not above working supervisory level) such as office and clerical workers, repairers, salespersons, operators, drivers, attendants, service employees, line installers, laborers, accountants, janitors, guards, and other employees whose services are closely associated with those of occupations listed.

Payroll.--Represents payroll for full- and part-time production, construction, or nonsupervisory workers who received pay for any part of pay periods which include 12th of month. Payroll is reported before deductions for social security, group insurance, withholding tax, bonds, and union dues; also includes pay for overtime, holidays, vacations, and sick leave paid directly by the firm. Bonuses (unless earned and paid regularly each pay period), tips, pay not earned in pay period reported (such as retroactive pay), and value of free rent, fuel, meals, or other payments in kind, excluded.

Hours.--Represents hours worked or paid for, during pay periods which include 12th of month, for production, construction, or nonsupervisory workers. Hours include time paid for holidays and vacations, and for sick leave when pay received directly from firm.

Division of Research and Statistics
Ohio Bureau of Employment Services
Columbus 43216

Ohio Labor Market Information
BUREAU OF EMPLOYMENT SERVICE
JOB SERVICE OF OHIO

JAMES A. RHODES, *Governor*
GARY E. STEIN, *Administrator*

S 6270-1
8/23/82

EMPLOYMENT, HOURS, AND EARNINGS IN OHIO
JULY 1982

Jobless Ohioans numbered 644,000 in July, representing 12.2 percent of the civilian labor force--little changed from June. Total employment gained .2 percent, to 4,617,000. Cutbacks in education, combined with layoffs in manufacturing, lowered payroll employment 1.2 percent, to 4,203,000.

Employment in Ohio's factories declined .9 percent, to 1,123,000. Layoffs due to fewer orders lowered employment in primary metals, rubber products, and metalworking machinery. Employment also declined among producers of motor vehicles and suppliers of stamped-metal parts, due to slumping sales and model changeovers.

Ohio's nonmanufacturing employment dropped 1.4 percent, to 3,080,000 in July. The decrease occurred in government and private educational services, as schools and colleges furloughed nonteaching personnel. Declines in retailing--particularly among eating and drinking places--were also largely seasonal. Cutbacks were tempered, however, by moderate gains in construction, and finance, insurance, and real estate.

Gross average weekly earnings of Ohio's factory production workers slipped $5 from June's record level, to $409 in July. Their average workweek declined one-half hour, to 40.2 hours. Overtime was curtailed in the manufacture of automobiles and metal stampings, and in nonferrous rolling and drawing mills. Hours and earnings in the newspaper and beverage industries declined similarly. Steelmakers reported shorter workweeks. Producers of paper and fabricated structural metals scheduled additional overtime, however, while wage-rate increases boosted earnings for workers converting paper products.

Between July 1981 and July 1982, unemployment in Ohio increased by nearly 150,000, boosting the unemployment rate from 9.5 to 12.2 percent. Total employment declined 2.3 percent, due to cutbacks in nonfarm payroll jobs--down 2.8 percent. Losses were concentrated in the manufacture of durable goods, notably nonelectrical machinery and primary and fabricated metals. In nonmanufacturing, shrinkage in construction, retailing, and government was offset by long-term growth in services. In July 1982, factory production workers grossed $21 more per week than one year earlier, although their workweek averaged .4 hours shorter.

For additional Labor Market Information, write
WILLIAM PAPIER, *Director of Research and Statistics*, BUREAU OF EMPLOYMENT SERVICES, COLUMBUS 43216

EMPLOYMENT, HOURS, AND EARNINGS IN MAJOR METROPOLITAN AREAS

Akron.--Akron's nonagricultural wage and salary employment slipped 500 from June, to 251,600 in July. The decrease occurred in manufacturing--down 700, to 70,100--due to cutbacks in orders in metal stampings. Nonmanufacturing advanced seasonally, despite curtailments in education. The workweek and hourly earnings of the average manufacturing production worker, at 41.3 hours and $9.71 an hour, were down .2 hours and 10¢, respectively, from June.

Canton.--Nonfarm employment in the Canton area totaled 155,100 in July, down 800 from June. Manufacturing decreased 500, to 51,700, with losses concentrated in primary metals. Summer furloughs in education lowered nonmanufacturing, despite seasonal growth in construction. Earnings of factory production workers declined 4¢, to $10.20 an hour. Average weekly hours, at 39.2, were down .2 hours from the previous month.

Cincinnati.--Nonfarm establishments in Cincinnati employed 582,300 in July, 10,200 below June. Nonmanufacturing accounted for most of the decrease, with seasonal losses in most component industries, chiefly government. Widespread layoffs--notably in metalworking machinery--lowered manufacturing by 1,900, to 149,900 for the month. The average workweek for factory production workers, at 40.6 hours, was .4 hours shorter than in June. Their average hourly earnings slipped slightly to $9.61 for the month.

Cleveland.--Cleveland's nonagricultural wage and salary employment totaled 863,000 in July, down 7,100 from June. Nearly two-thirds of the loss occurred in nonmanufacturing, as employment in government, retail trade, and services declined seasonally--partially offset by an increase in construction. Layoffs among producers of durable goods, and in the printing and publishing industry, lowered manufacturing by 2,600, to 230,200 in July. Production workers in manufacturing industries grossed $10.19 per hour in July, down 6¢ from June. Their average workweek, at 40.3 hours, was .7 hours shorter.

Columbus.--Nonfarm payroll employment in Columbus decreased 6,700 from June, to 502,500 in July. Seasonal losses in nonmanufacturing--notably in education and retail trade--accounted for the overall loss. Manufacturing, however, rose slightly, to 88,500 in July. The average workweek of factory production workers decreased .4 hours, to 39.7 hours for the month. Hourly earnings rose to $9.34, up 3¢ from June.

Dayton.--Nonagricultural establishments in Dayton employed 343,100 wage and salary workers in July, down 4,800 from June. Furloughs of school employees and decreases in retail trade lowered nonmanufacturing for the month. Manufacturing, at 90,800, rose fractionally from last month. The average factory production worker grossed $10.33 per hour for a workweek of 41.1 hours--down 9¢ and .1 hours from June averages.

Toledo.--July nonfarm payroll employment in Toledo totaled 281,100, representing a drop of 7,100 from June. Manufacturing decreased 900, to 68,300 for the month. Seasonal cutbacks in education accounted for the bulk of the loss in nonmanufacturing employment. The average factory production workweek, at 41.8 hours, was on par with June, while average hourly earnings, at $11.02, were up 4¢ from the previous month.

Youngstown-Warren.--Workers on nonfarm payrolls in the Youngstown-Warren area numbered 188,200 in July, down 3,200 from June. Seasonal cutbacks in education lowered nonmanufacturing. Manufacturing, at 56,800, slipped 800 from June, with layoffs due chiefly to cutbacks in orders for basic steel. Production workers in factories grossed $11.81 per hour, up 10¢ from June. Their average workweek slipped .6 hours, to 39.5 for the month.

Division of Research and Statistics
Ohio Bureau of Employment Services
Columbus 43216 8-18-82

EMPLOYMENT IN MAJOR METROPOLITAN AREAS[a]

Year and Month	Akron[b]	Canton[c]	Cincinnati[d]	Cleveland[e]	Columbus[f]	Dayton[g]	Toledo[h]	Youngstown-Warren[j]
	NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT (in thousands)							
1971	244.1	138.1	501.9	829.3	410.9	317.4	263.7	198.1
1972	248.1	139.8	512.0	838.0	431.6	325.5	272.4	201.1
1973	255.1	147.9	534.5	865.2	451.0	335.6	285.8	211.6
1974	259.0	152.1	542.2	879.2	457.6	334.9	285.6	213.5
1975	248.4	145.0	531.2	850.6	445.4	321.4	275.5	200.7
1976	247.3	145.9	541.9	860.0	456.1	331.5	282.6	203.5
1977	259.3	149.8	562.1	880.9	471.6	343.1	292.1	208.0
1978	266.6	156.1	591.2	905.8	493.8	358.5	302.1	210.3
1979	270.9	160.7	607.4	919.8	507.3	364.9	306.0	213.9
1980	262.4	157.1	600.6	895.6	509.8	355.7	293.1	203.1
1981	259.0	157.3	593.9	880.8	508.3	353.4	290.9	199.1
1981								
July	257.1	158.4	590.5	887.2	504.0	349.4	289.2	200.9
August ..	257.3	158.7	589.2	884.3	504.6	348.7	287.6	197.5
September	262.9	158.8	598.2	883.1	508.5	356.2	291.8	202.2
October .	263.2	158.9	597.9	885.3	515.4	356.9	295.3	201.6
November.	261.1	157.9	597.1	883.6	515.6	357.0	292.3	201.8
December.	260.6	157.0	596.2	875.6	514.7	356.1	290.8	193.1
1982								
January .	252.2	152.9	576.7	856.1	499.9	349.0	281.9	191.8
February.	252.4	152.0	574.8	854.9	498.6	345.5	281.6	185.4
March ...	253.4	152.5	579.6	856.0	501.8	345.3	283.4	187.9
April ...	255.1	153.2	585.4	860.8	504.1	346.3	285.5	186.8
May	257.3	154.6	589.4	866.1	506.3	346.6	288.6	190.4
June	252.1	155.9	592.5	870.1	509.2	347.8	288.1	191.4
July	251.6	155.1	582.3	863.0	502.5	343.1	281.1	188.2
	MANUFACTURING EMPLOYMENT (in thousands)							
1971	91.7	58.6	160.1	273.5	98.4	112.8	86.2	88.4
1972	91.3	57.4	155.9	273.9	100.8	114.3	88.8	87.9
1973	94.0	61.7	165.5	288.1	106.0	117.7	93.4	93.0
1974	94.2	62.2	166.6	287.1	104.3	113.1	89.8	92.0
1975	84.5	55.3	153.9	260.3	93.1	100.1	80.7	80.8
1976	80.3	54.8	155.6	265.1	94.2	104.0	84.8	80.6
1977	85.6	56.0	161.1	270.8	98.9	109.2	88.2	81.1
1978	85.9	57.1	169.2	275.6	101.2	112.0	90.5	79.4
1979	85.6	59.1	173.1	276.3	101.1	109.5	88.6	79.9
1980	79.2	55.7	162.5	254.9	96.8	99.3	75.4	70.8
1981	75.9	55.3	158.4	247.4	93.6	97.8	74.0	67.7
1981								
July	75.8	56.1	158.4	250.0	93.0	97.9	74.3	69.0
August ..	75.5	56.4	158.3	247.8	92.7	97.1	74.9	66.7
September	76.8	56.5	159.7	249.9	94.3	99.6	76.9	69.4
October .	76.1	56.0	158.4	248.7	93.6	98.1	74.1	68.8
November.	74.9	55.1	158.6	245.9	93.2	98.0	71.5	68.3
December.	74.3	54.0	156.7	236.9	92.0	96.7	70.1	59.9
1982								
January .	73.0	52.7	151.9	238.0	91.0	95.7	68.5	63.6
February.	72.1	52.1	149.6	236.9	89.9	93.0	68.8	56.8
March ...	71.9	51.8	150.9	234.3	89.2	91.2	68.7	58.7
April ...	71.6	50.7	150.5	233.2	88.4	90.6	68.4	55.9
May	71.4	51.0	151.0	232.6	87.8	90.2	69.0	57.8
June	70.8	52.1	151.7	232.8	88.5	90.7	69.2	57.6
July	70.1	51.7	149.9	230.2	88.5	90.8	68.3	56.8

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. [b]Akron includes Portage and Summit Counties. [c]Canton includes Carroll and Stark Counties. [d]Cincinnati includes Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. [e]Cleveland includes Cuyahoga, Geauga, Lake, and Medina Counties. [f]Columbus includes Delaware, Fairfield, Franklin, Madison, and Pickaway Counties. [g]Dayton includes Greene, Miami, Montgomery, and Preble Counties. [h]Toledo includes Fulton, Lucas, Ottawa, and Wood Counties, Ohio; and Monroe County, Michigan. [j]Youngstown-Warren includes Mahoning and Trumbull Counties.

Division of Research and Statistics
Ohio Bureau of Employment Services
Columbus 43216

MANUFACTURING PRODUCTION WORKERS AND AVERAGE WEEKLY HOURS IN MAJOR METROPOLITAN AREAS[a]

Year and Month	Akron[b]	Canton[c]	Cincinnati[d]	Cleveland[e]	Columbus[f]	Dayton[g]	Toledo[h]	Youngstown-Warren[j]
	MANUFACTURING PRODUCTION WORKERS (in thousands)							
1971	53.8	43.2	111.5	187.4	68.8	82.3	60.6	70.6
1972	53.5	42.2	110.7	188.7	71.0	89.4	63.8	70.2
1973	55.5	46.3	115.2	200.4	74.1	85.0	66.5	75.6
1974	56.1	46.9	115.3	199.5	71.2	79.5	63.1	74.2
1975	48.4	40.5	106.3	176.0	64.2	70.9	55.1	63.3
1976	44.5	40.4	107.8	180.9	65.4	73.4	59.3	63.3
1977	49.2	41.1	110.7	184.0	68.6	75.7	62.8	63.6
1978	49.4	42.2	116.4	188.0	70.1	77.5	64.1	62.5
1979	53.8	43.2	117.0	188.6	69.1	74.4	61.7	62.5
1980	47.5	40.1	106.6	169.2	64.6	65.5	49.6	54.1
1981	43.9	40.0	104.3	162.3	61.6	64.4	48.8	51.1
1981								
July	43.5	40.8	103.6	164.4	61.4	64.3	48.8	52.2
August ..	42.9	40.9	103.7	161.9	61.1	63.5	49.6	50.3
September	44.0	40.9	105.3	163.9	62.3	65.9	51.6	52.8
October .	43.3	40.4	104.3	162.4	61.4	64.8	49.0	52.3
November.	41.9	39.4	104.6	159.4	61.1	64.6	47.1	51.7
December.	41.4	38.3	102.8	150.4	60.1	63.4	45.9	43.8
1982								
January .	40.2	37.1	98.7	152.0	59.3	62.4	44.3	47.2
February.	39.4	36.6	96.8	151.4	58.2	59.8	44.8	41.2
March ...	39.3	36.2	98.2	149.0	57.5	58.4	44.8	42.8
April ...	39.2	35.2	97.7	148.2	56.8	57.9	44.7	40.4
May	39.1	35.7	98.3	147.7	56.3	57.8	45.1	41.9
June	38.5	36.9	99.1	148.0	57.0	58.4	45.3	42.0
July	37.7	36.4	97.3	145.8	57.0	58.5	44.3	41.1
	MANUFACTURING PRODUCTION WORKERS' AVERAGE WEEKLY HOURS							
1971	40.6	38.9	41.0	40.6	39.6	40.6	41.4	41.4
1972	42.1	40.6	41.9	42.3	40.4	42.5	42.0	41.2
1973	43.0	41.0	42.2	43.2	40.8	43.3	43.1	42.9
1974	42.3	40.1	41.4	42.1	39.7	41.0	41.2	40.7
1975	41.1	39.4	40.8	40.4	39.6	41.3	40.4	38.6
1976	42.1	39.6	41.1	41.9	40.1	43.2	41.5	39.5
1977	42.3	39.7	41.6	42.8	40.3	43.5	42.7	40.4
1978	42.3	40.3	42.1	42.9	40.4	42.8	42.4	41.4
1979	41.6	40.9	41.5	42.2	40.1	42.1	40.9	40.7
1980	41.5	39.0	41.2	40.6	39.5	41.5	40.6	39.9
1981	41.8	40.0	41.1	41.1	40.0	41.4	40.9	40.8
1981								
July	41.9	39.8	40.9	40.6	39.5	41.6	40.4	40.4
August ..	41.7	39.6	40.6	41.1	40.4	41.9	40.3	41.7
September	40.8	40.1	41.2	40.9	40.0	40.8	41.6	41.5
October .	41.2	39.7	40.7	40.7	39.8	41.1	41.1	39.8
November.	41.5	39.8	41.0	40.8	40.3	41.0	40.7	40.4
December.	42.4	40.2	41.1	40.7	40.4	41.1	41.3	39.1
1982								
January .	40.6	38.2	39.8	38.8	39.5	39.5	39.7	39.1
February.	41.6	39.3	39.8	40.2	39.8	40.0	41.0	39.3
March ...	41.2	38.7	39.9	40.1	39.4	39.5	40.9	39.1
April ...	40.8	38.9	40.2	40.1	39.4	39.8	40.3	38.6
May	41.0	38.9	40.6	40.5	39.7	40.0	41.0	39.3
June	41.5	39.4	41.0	41.0	40.1	41.2	41.8	40.1
July	41.3	39.2	40.6	40.3	39.7	41.1	41.8	39.5

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. [b]Akron includes Portage and Summit Counties. [c]Canton includes Carroll and Stark Counties. [d]Cincinnati includes Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. [e]Cleveland includes Cuyahoga, Geauga, Lake, and Medina Counties. [f]Columbus includes Delaware, Fairfield, Franklin, Madison, and Pickaway Counties. [g]Dayton includes Greene, Miami, Montgomery, and Preble Counties. [h]Toledo includes Fulton, Lucas, Ottawa, and Wood Counties, Ohio; and Monroe County, Michigan. [j]Youngstown-Warren includes Mahoning and Trumbull Counties. [k]Not comparable to prior data due to change in sample composition.

Division of Research and Statistics
Ohio Bureau of Employment Services
Columbus 43216

EARNINGS IN MAJOR METROPOLITAN AREAS[a]

Year and Month	Akron[b]	Canton[c]	Cincinnati[d]	Cleveland[e]	Columbus[f]	Dayton[g]	Toledo[h]	Youngstown-Warren[j]
	MANUFACTURING PRODUCTION WORKERS' AVERAGE HOURLY EARNINGS							
1971	$4.36	$4.09	$3.89	$4.15	$3.77	$4.49	$4.26	$4.46
1972	4.68	4.48	4.15	4.50	4.06	4.74	4.67	4.88
1973	4.99	4.80	4.44	4.83	4.36	5.00	5.01	5.29
1974	5.28	5.24	4.82	5.21	4.73	5.29	5.39	5.80
1975	5.66	5.64	5.19	5.63	5.18	5.73	5.80	6.39
1976	6.02	6.18	5.65	6.22	5.64	6.28	6.32	7.02
1977	6.75	6.88	6.27	6.84	6.08	6.92	7.00	7.76
1978	7.19	7.56	6.81	7.50	6.55	7.38	7.53	8.54
1979	7.73	8.09	7.31	8.00	7.05	8.00	8.14	9.27
1980	8.72	8.79	8.06	8.63	7.73	8.65	8.90	10.27
1981	9.50	9.76	8.78	9.62	8.67	9.61	9.93	11.62
1981								
July	9.57	9.73	8.73	9.65	8.59	9.63	9.91	11.65
August ..	9.60	9.78	8.80	9.72	8.71	9.85	9.92	11.79
September	9.64	9.96	8.93	9.79	8.86	9.72	10.13	11.69
October .	9.66	9.98	8.99	9.83	8.96	9.96	10.20	11.58
November.	9.70	10.01	9.08	9.83	9.05	9.88	10.22	11.69
December.	9.71	10.09	9.14	9.71	9.07	9.95	10.46	11.59
1982								
January .	9.73	9.95	9.26	9.82	9.04	9.92	10.58	11.73
February.	9.77	10.05	9.24	9.86	9.05	9.82	10.70	11.70
March ...	9.83	10.01	9.41	9.93	9.12	9.84	10.80	11.69
April ...	9.80	10.08	9.43	9.99	9.18	9.94	10.80	11.59
May	9.78	10.13	9.53	10.12	9.27	10.06	10.91	11.70
June	9.81	10.24	9.62	10.25	9.31	10.42	10.98	11.71
July	9.71	10.20	9.61	10.19	9.34	10.33	11.02	11.81
	MANUFACTURING PRODUCTION WORKERS' AVERAGE WEEKLY EARNINGS							
1971	$177.02	$159.10	$159.49	$168.49	$149.29	$182.29	$176.36	$184.64
1972	197.03	181.89	173.89	190.35	164.02	201.45	196.14	201.06
1973	214.57	196.80	187.37	208.66	177.89	216.50	215.93	226.94
1974	223.34	210.12	199.55	219.34	187.78	216.89	222.07	236.06
1975	232.63	222.22	211.75	227.45	205.13	236.65	234.32	246.65
1976	253.44	244.73	232.22	260.62	226.16	271.30	262.28	277.29
1977	285.53	273.14	260.83	292.75	245.02	301.02	298.90	313.50
1978	304.14	304.67	286.70	321.75	264.62	315.86	319.27	353.56
1979	321.57	330.88	303.37	337.60	282.71	336.80	332.93	377.29
1980	361.88	342.81	332.07	350.38	305.34	358.98	361.34	409.77
1981	397.10	390.40	360.86	395.38	346.80	397.85	406.14	474.10
1981								
July	400.98	387.25	357.06	391.79	339.31	400.61	400.36	470.66
August ..	400.32	387.29	357.28	399.49	351.88	412.72	399.78	491.64
September	393.31	399.40	367.92	400.41	354.40	396.58	421.41	485.14
October .	397.99	396.21	365.89	400.08	356.61	409.36	419.22	460.88
November.	402.55	398.40	372.28	401.06	364.72	405.08	415.95	472.28
December.	411.70	405.62	375.65	395.20	366.43	408.95	432.00	453.17
1982								
January .	395.04	380.09	368.55	381.02	357.08	391.84	420.03	458.64
February.	406.43	394.97	367.75	396.37	360.19	392.80	438.70	459.81
March ...	405.00	387.39	375.46	398.19	359.33	388.68	441.72	457.08
April ...	399.84	392.11	379.09	400.60	361.69	395.61	435.24	447.37
May	400.98	394.06	386.92	409.86	368.02	402.40	447.31	459.81
June	407.12	403.46	394.42	420.25	373.39	429.30	458.96	469.57
July	401.02	399.84	390.17	410.66	370.80	424.56	460.64	466.50

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. [b]Akron includes Portage and Summit Counties. [c]Canton includes Carroll and Stark Counties. [d]Cincinnati includes Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. [e]Cleveland includes Cuyahoga, Geauga, Lake, and Medina Counties. [f]Columbus includes Delaware, Fairfield, Franklin, Madison, and Pickaway Counties. [g]Dayton includes Greene, Miami, Montgomery, and Preble Counties. [h]Toledo includes Fulton, Lucas, Ottawa, and Wood Counties, Ohio; and Monroe County, Michigan. [j]Youngstown-Warren includes Mahoning and Trumbull Counties.

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CIVILIAN LABOR FORCE ESTIMATES FOR MAJOR METROPOLITAN AREAS[a]
(In thousands)

Year and Month	Civilian Labor Force	Total Employed	Unemployed	
			Total Unemployed	Unemployment Rate
AKRON[b]				
1971	277.7	261.3	16.3	5.9
1972	282.2	267.3	14.8	5.3
1973	287.1	274.9	12.2	4.3
1974	290.8	277.7	13.0	4.5
1975	292.0	264.3	27.7	9.5
1976	291.3	266.3	25.0	8.6
1977	294.2	274.7	19.5	6.6
1978	298.9	282.2	16.7	5.6
1979	303.8	285.4	18.4	6.1
1980	303.9	278.2	25.7	8.5
1981	301.8	273.2	28.6	9.5
1981				
June	302.9	277.0	25.9	8.6
July	308.2	278.7	29.4	9.6
August	307.0	276.9	30.1	9.8
September ..	302.6	273.1	29.5	9.7
October	302.2	273.7	28.6	9.4
November ...	304.6	272.2	32.4	10.6
December ...	302.7	269.0	33.7	11.1
1982				
January	298.4	264.2	34.2	11.5
February ...	295.5	260.4	35.1	11.9
March	297.2	261.9	35.3	11.9
April	299.7	265.7	34.0	11.4
May	301.5	270.4	31.1	10.3
June[p]	307.9	272.4	35.6	11.5
CINCINNATI[d]				
1971	550.0	516.0	34.0	6.2
1972	561.0	529.0	32.0	5.7
1973	572.0	543.0	29.0	5.1
1974	595.3	569.8	25.5	4.3
1975	595.3	551.6	43.6	7.3
1976	600.6	562.6	38.0	6.3
1977	618.8	584.4	34.4	5.6
1978	648.3	615.8	32.5	5.0
1979	663.4	628.1	35.3	5.3
1980	676.2	628.6	47.5	7.0
1981	678.6	619.2	59.5	8.8
1981				
June	684.9	629.9	55.0	8.0
July	691.1	628.1	63.0	9.1
August	683.6	624.4	59.1	8.7
September ..	680.1	616.3	63.8	9.4
October	678.9	616.1	62.7	9.2
November ...	684.3	617.1	67.2	9.8
December ...	679.4	611.6	67.8	10.0
1982				
January	665.4	594.4	71.1	10.7
February ...	657.0	585.6	71.4	10.9
March	664.3	591.2	73.0	11.0
April	669.7	601.4	68.3	10.2
May	675.9	611.2	64.7	9.6
June[p]	696.5	622.7	73.8	10.6

Year and Month	Civilian Labor Force	Total Employed	Unemployed	
			Total Unemployed	Unemployment Rate
CANTON[c]				
1971	164.9	152.3	12.6	7.6
1972	165.6	155.3	10.3	6.2
1973	171.2	163.1	8.1	4.7
1974	175.6	167.5	8.1	4.6
1975	174.7	158.0	16.7	9.6
1976	174.4	158.6	15.8	9.1
1977	175.9	163.1	12.9	7.3
1978	179.9	170.0	9.9	5.5
1979	184.3	173.7	10.6	5.7
1980	187.7	170.8	16.8	9.0
1981	188.1	170.1	18.0	9.6
1981				
June	190.1	173.8	16.3	8.6
July	193.8	175.5	18.3	9.5
August	191.8	174.4	17.4	9.1
September .	189.2	169.1	20.1	10.6
October ...	187.0	169.5	17.5	9.4
November ..	188.8	168.9	19.9	10.5
December ..	187.8	166.2	21.6	11.5
1982				
January ...	187.7	164.1	23.6	12.6
February ..	184.6	161.0	23.6	12.8
March	187.3	161.9	25.4	13.6
April	188.5	163.9	24.6	13.1
May	190.3	167.0	23.3	12.2
June[p]	195.8	170.1	25.7	13.1
CLEVELAND[e]				
1971	866.7	811.7	55.0	6.3
1972	873.2	825.2	48.0	5.5
1973	883.9	849.0	34.9	3.9
1974	899.1	861.4	37.7	4.2
1975	896.9	826.3	70.6	7.9
1976	897.7	834.4	63.3	7.0
1977	908.5	854.4	54.0	5.9
1978	921.7	878.5	43.2	4.7
1979	935.8	889.1	46.7	5.0
1980	937.1	869.0	68.2	7.3
1981	929.2	850.8	78.4	8.4
1981				
June	942.1	869.6	72.6	7.7
July	960.4	877.8	82.6	8.6
August	947.5	867.9	79.7	8.4
September .	922.4	839.8	82.6	9.0
October ...	923.6	843.7	79.9	8.7
November ..	931.4	844.3	87.1	9.4
December ..	921.1	829.1	92.1	10.0
1982				
January ...	905.6	821.3	84.4	9.3
February ..	892.2	809.1	83.0	9.3
March	903.7	811.3	92.5	10.2
April	910.4	821.7	88.6	9.7
May	921.3	834.7	86.5	9.4
June[p]	952.7	849.5	103.2	10.8

[a]Estimated in cooperation with U.S. Department of Labor. Data not seasonally adjusted. Subtotals may not add to totals due to rounding. Rates computed from unrounded figures. Data are geared to 1980 Census (only 1978 - 1982 data in Cincinnati area). [b]Defined as Portage and Summit Counties. [c]Defined as Carroll and Stark Counties. [d]Defined as Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; and Boone, Campbell, and Kenton Counties, Kentucky. [e]Defined as Cuyahoga, Geauga, Lake, and Medina Counties. [p]Preliminary.

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(In thousands)

Year and Month	Civilian Labor Force	Total Employed	Unemployed		Year and Month	Civilian Labor Force	Total Employed	Unemployed	
			Total Unemployed	Unemployment Rate				Total Unemployed	Unemployment Rate
	COLUMBUS[f]					DAYTON[g]			
1971	445.6	425.6	20.0	4.5	1971	349.5	326.1	23.3	6.7
1972	469.1	450.2	18.9	4.0	1972	353.5	336.2	17.3	4.9
1973	485.5	468.3	17.1	3.5	1973	358.0	343.5	14.5	4.1
1974	495.4	475.5	19.9	4.0	1974	359.5	342.5	17.0	4.7
1975	495.0	458.6	36.5	7.4	1975	357.6	327.7	29.9	8.4
1976	503.6	468.5	35.1	7.0	1976	360.5	336.3	24.2	6.7
1977	513.4	483.3	30.1	5.9	1977	368.6	348.3	20.3	5.5
1978	531.4	506.5	24.9	4.7	1978	381.1	363.7	17.3	4.6
1979	543.0	517.1	25.8	4.8	1979	392.2	367.9	24.2	6.2
1980	554.7	523.3	31.5	5.7	1980	390.2	360.9	29.3	7.5
1981	562.5	518.7	43.8	7.8	1981	389.8	357.4	32.4	8.3
1981					1981				
June	569.3	528.1	41.2	7.2	June	393.2	363.4	29.8	7.6
July	573.9	528.1	45.8	8.0	July	397.4	362.2	35.2	8.9
August	569.2	524.6	44.7	7.8	August	392.7	359.0	33.8	8.6
September ..	561.3	511.9	49.4	8.8	September .	388.9	354.8	34.1	8.8
October	565.5	519.2	46.3	8.2	October ...	389.7	356.4	33.3	8.5
November ...	570.6	520.4	50.2	8.8	November ..	393.8	357.1	36.7	9.3
December ...	563.4	514.2	49.2	8.7	December ..	391.4	352.2	39.2	10.0
1982					1982				
January	554.8	506.0	48.8	8.8	January ...	389.5	349.7	39.8	10.2
February ...	547.5	498.2	49.4	9.0	February ..	383.4	341.7	41.7	10.9
March	553.8	502.5	51.4	9.3	March	387.5	342.3	45.2	11.7
April	559.6	508.8	50.8	9.1	April	389.7	346.2	43.5	11.2
May	564.4	516.4	48.0	8.5	May	390.3	350.0	40.3	10.3
June[p]	581.3	527.5	53.8	9.3	June[p]	402.5	356.5	46.1	11.4
	TOLEDO[h]					YOUNGSTOWN-WARREN[i]			
1971	319.3	300.3	19.1	6.0	1971	225.1	207.1	18.0	8.0
1972	329.4	311.3	18.1	5.5	1972	226.9	212.1	14.8	6.5
1973	339.8	324.2	15.6	4.6	1973	232.5	221.8	10.8	4.6
1974	343.8	324.2	19.7	5.7	1974	236.7	223.7	13.0	5.5
1975	344.8	310.2	34.6	10.0	1975	236.7	209.8	26.9	11.4
1976	347.8	319.4	28.4	8.2	1976	234.2	210.5	23.7	10.1
1977	355.0	329.4	25.6	7.2	1977	234.0	215.0	19.0	8.1
1978	362.1	339.7	22.4	6.2	1978	235.2	217.5	17.7	7.5
1979	368.2	341.7	26.4	7.2	1979	237.1	219.9	17.1	7.2
1980	367.7	329.7	38.0	10.3	1980	238.4	210.4	28.0	11.7
1981	366.9	327.3	39.6	10.8	1981	233.1	205.3	27.7	11.9
1981					1981				
June	373.9	339.2	34.7	9.3	June	234.5	212.3	22.1	9.4
July	374.6	334.4	40.3	10.8	July	237.6	212.2	25.3	10.7
August	370.7	330.9	39.9	10.8	August	234.5	207.1	27.4	11.7
September ..	365.7	324.9	40.8	11.2	September .	231.0	205.2	25.8	11.2
October	370.6	329.0	41.6	11.2	October ...	230.2	204.9	25.3	11.0
November ...	368.8	326.1	42.6	11.6	November ..	235.0	205.6	29.4	12.5
December ...	365.4	319.9	45.5	12.4	December ..	232.0	195.0	37.1	16.0
1982					1982				
January	361.0	313.4	47.6	13.2	January ...	232.6	196.1	36.5	15.7
February ...	355.7	310.0	45.7	12.8	February ..	232.8	187.2	45.6	19.6
March	360.2	312.1	48.2	13.4	March	231.2	190.0	41.1	17.8
April	362.5	317.5	45.0	12.4	April	236.5	190.4	46.2	19.5
May	365.1	325.3	39.8	10.9	May	236.5	195.8	40.7	17.2
June[p]	374.1	329.7	44.4	11.9	June[p]	244.6	199.9	44.7	18.3

[a]Estimated in cooperation with U.S. Department of Labor. Data not seasonally adjusted. Subtotals may not add to totals due to rounding. Rates computed from unrounded figures. Data are geared to 1980 Census. [f]Defined as Delaware, Fairfield, Franklin, Madison, and Pickaway Counties. [g]Defined as Greene, Miami, Montgomery, and Preble Counties. [h]Defined as Fulton, Lucas, Ottawa, and Wood Counties, Ohio; and Monroe County, Michigan. [i]Defined as Mahoning and Trumbull Counties. [p]Preliminary.

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